WUB1600

802.11b Wireless USB Adapter

A wireless LAN links network users to LAN services without the hassle of cabling or wiring, which significantly brings mobile workers the freedom of staying connected to the network while roaming around a building or multiple buildings maintaining access to the Internet, e-mail, networked applications, and print services.

This device is the perfect solution for your wireless network applications based on the IEEE 802.11b standard that offers a data rate up to 11Mbps in a wireless LAN environment. It is a high-speed wireless network card that plugs into your notebook or desktop PC and accesses to the LAN or peer-to-peer networking easily without wires or cables. Whether you're at your desk or in the boardroom, it allows you to share printers, files, and other network resources.

The **WUB1600** is designed for a USB port of a laptop or desktop computer for creating a wireless workstation.

FEATURES

- Compliant with IEEE802.11b standard for 2.4GHz Wireless LAN
- USB 1.1 compliant
- USB Plug & Play
- Interoperable with existing network infrastructure
- Secure information transmission
- Freedom to roam while staying connected
- Easy to install and configure
- Compatible with specialty wireless products and services
- Up to 11Mbps data rate
- External Antenna is built in the card with LEDs indication
- Low power consumption
- Easy to install and configure

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SPECIFICATION

Standards	IEEE 802.11b
Host Interface	USB1.1
Chipset	ZyDAS ZD1201
Antenna Type	PCB Printed
LED Indicators	▪ Link/ACT ▪ Power
Frequency Range	2.412GHz-2.4835GHz
Number of Selectable Channels	USA, Canada: 11 channels Europe: 13 channels Japan: 14 channels
Modulation Technique	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Security	0/64/128 bit WEP
Spreading	11 chip Barker sequence
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Output Power(Typical)	15 dBm
Sensitivity	-83 dBm@1Mbps -83 dBm@2Mbps -83 dBm@5.5Mbps -80 dBm@11Mbps
Power Requirement	Operating Voltage: 5V DC ▪ TX consumption: 330 mA (Max) ▪ RX consumption: 230 mA (Max)
Physical Specifications	▪ Weight: 30 g ▪ Dimension: 92 (L) x 32.6 (W) x 18 (H) mm
Environment Specifications	▪ Operating Temperature: 0 ~ 50 ° ambient temperature ▪ Storage Temperature: -20 ~70 ° ambient temperature ▪ Operating humidity: 90 % maximum (non-condensing) ▪ Storage humidity: 90 % maximum (non-condensing)
Supported OS	Windows 98/ME/2000/XP
EMC Certification	▪ FCC Part 15 in US ▪ EN300328 and EN300826 (EN301489-17) in Europe

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